

DEVELOPMENT REVIEW BOARD REPORT



MEETING DATE:

ITEM NO. _____

CASE NUMBER/
PROJECT NAME

31-DR-2006
Scottsdale Wifi

LOCATION

Downtown Scottsdale

REQUEST

Request approval for installation of WiFi network that will allow individuals to access the internet via their wireless modem in the areas bordered by Chaparral Road (north) and Osborn Road (south), and N. 68th Street (west) to Miller Road (east).

OWNER

City of Scottsdale

ENGINEER

N/A

ARCHITECT/
DESIGNER

N/A

APPLICANT/
COORDINATOR

Hal Halpin
Wildfire Broadband
480-473-4845

BACKGROUND

Zoning.

1. Northeast corner of Miller Road and Camelback Road: SR (Service Residential District).
2. Northeast corner of Miler Road and Osborn Road: R1-7 (Single-family Residential District).
3. Northeast corner of Miler Road and Coolidge Street: R-4 (Townhouse Residential District).
4. Northwest corner of Scottsdale Road and Chapparral: R1-7 (Single-family Residential District).
5. Northwest corner of 68th Street and Osborn Road: R1-7 (Single-family Residential District).
6. Southeast corner of 68th Street and Chapparral Road: R-4R (Resort District).

Context.

The sites are located within the City right-of-way. Each site is within 150 feet of a residence; several of the sites are also adjacent to commercial land uses.

APPLICANT'S
PROPOSAL**Applicant's Request.**

The applicant's request is to install six high-speed wireless internet access antennas on existing traffic signal poles and streetlight poles.

Development Information:

- Existing Use: Streetlights and traffic signal poles.
- Proposed Use: Wireless antenna
- Unit Size: 18 inches high, by 11 inches wide.

DISCUSSION

Each wireless antenna is approximately 18 inches high, with a diameter of 11 inches and will be painted to match the existing signal pole or streetlight. The electrical equipment that exists within the streetlights and traffic signal poles will power the antenna. No new ground-mounted equipment will be installed.

OTHER BOARDS AND
COMMISSIONS

On December 12, 2005, the Scottsdale City Council approved resolution 6788 which authorized the Contract 2005-161-COS with Wildfire Broadband Wireless Communications, Incorporated to construct, install, and operate a WiFi telecommunications Network in the City's rights-of-way.

STAFF
RECOMMENDATION

Staff recommends approval, subject to the attached stipulations.

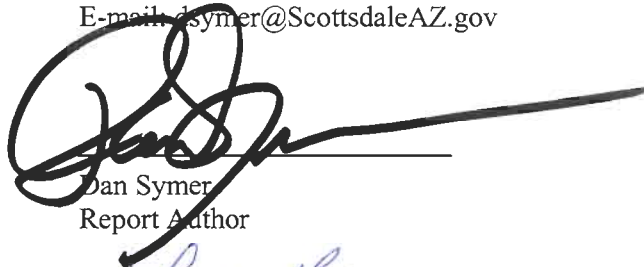
Scottsdale Development Review Board Report


Case No. 31-DR-2006

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APPROVED BY



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ATTACHMENTS

1. Applicant's Narrative
2. Context Aerial
3. Zoning Map
4. Site Plan (Network Map) and wireless antenna
5. Elevations
- A. Stipulations/Zoning Ordinance Requirements

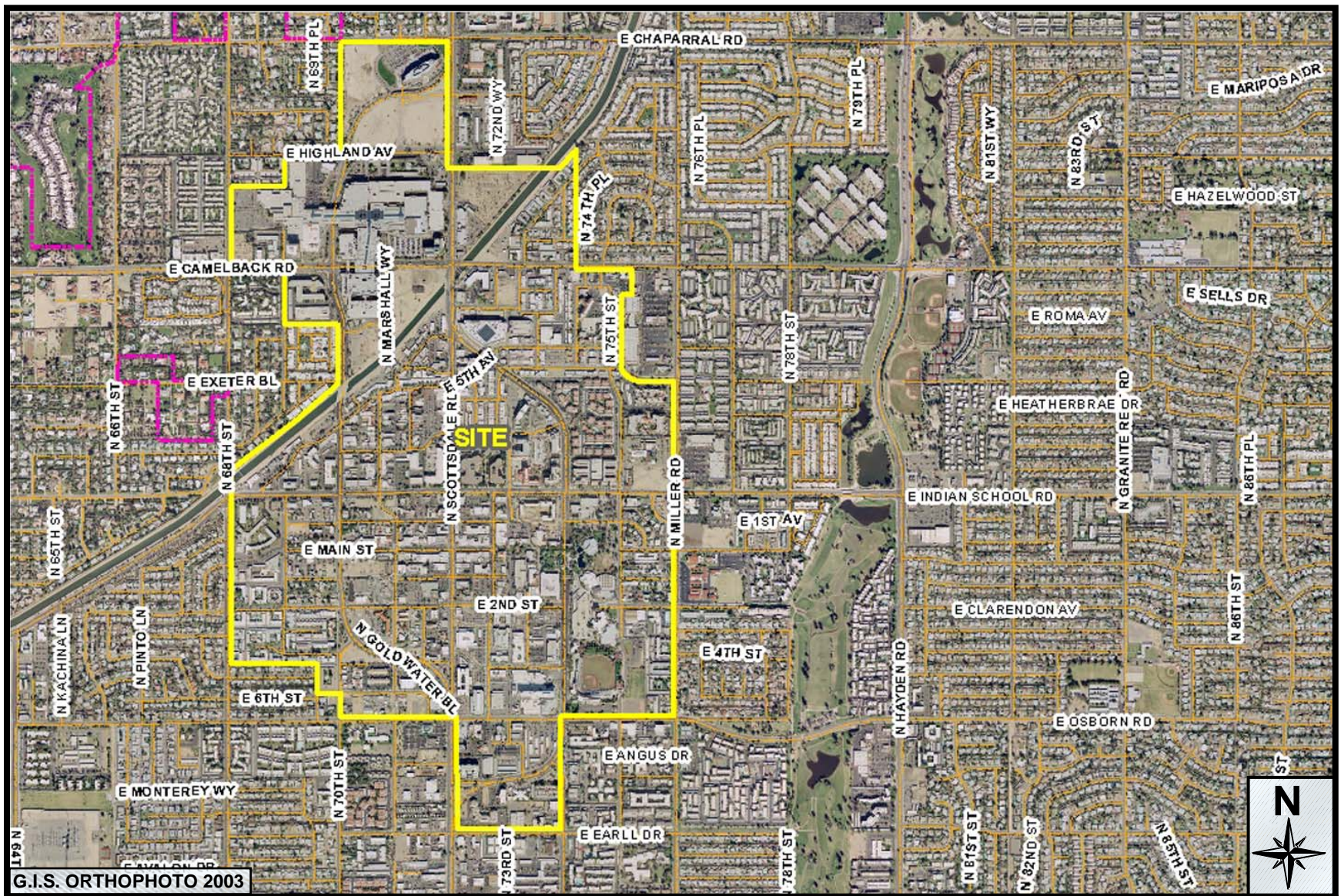
Project Narrative

Wildfire Broadband Communications

WiFi Project

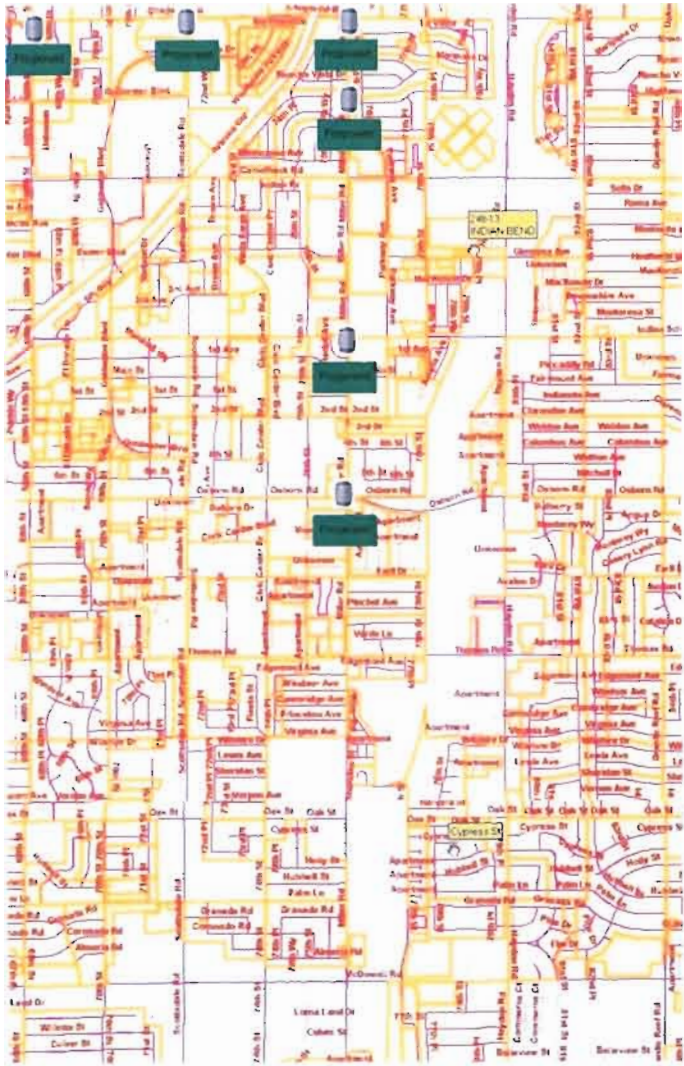
Install a transmit and receive WiFi network that will allow individuals to access the internet via their wireless modem in the downtown Scottsdale area. The service will be available to residents, businesses and visitors in the areas bordered by Chaparral Road (north) and Osborn Road (south), and 68th Street (west) to Miller Road (east).

The radio antennas and associated electronic equipment will be installed on traffic signal poles within this 2 square mile area. The antenna (11 inches in diameter and 18 inches tall) will be mounted on the pole using an "L" type bracket near the top of the pole. All antennas and brackets will be painted to match the color of the existing traffic signal pole.



Scottsdale Wifi

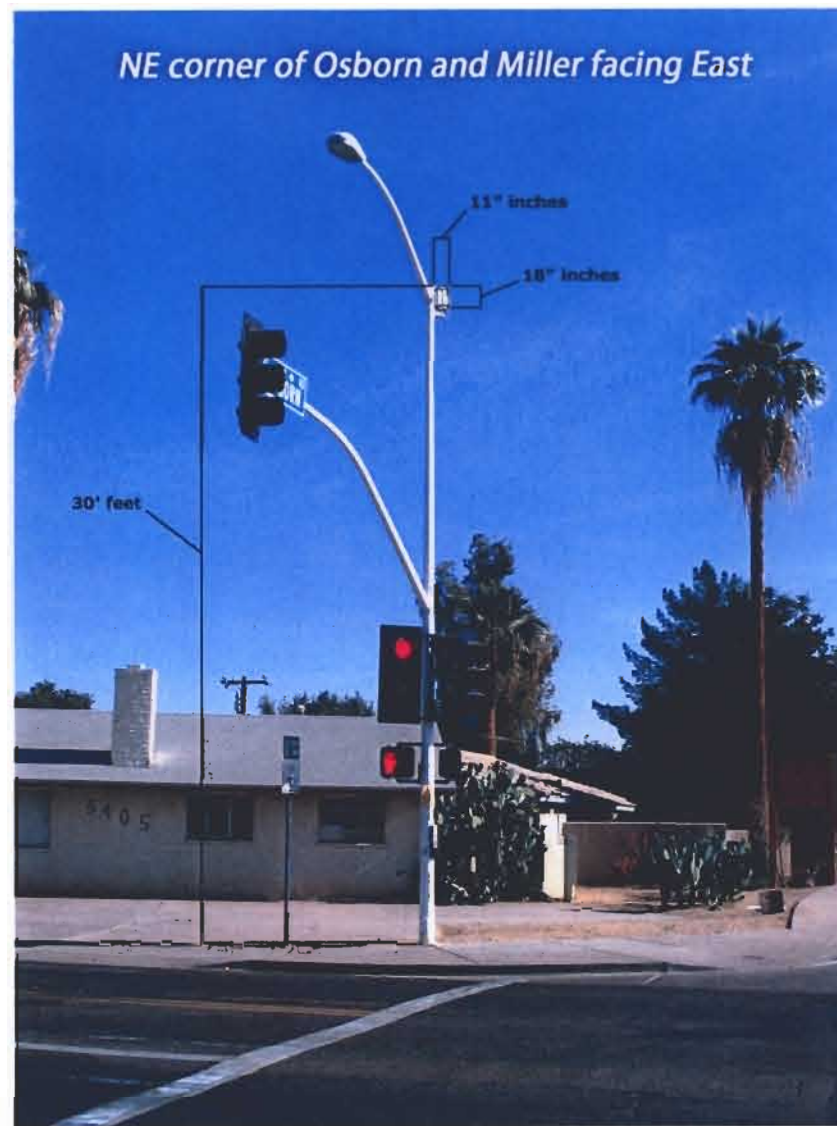
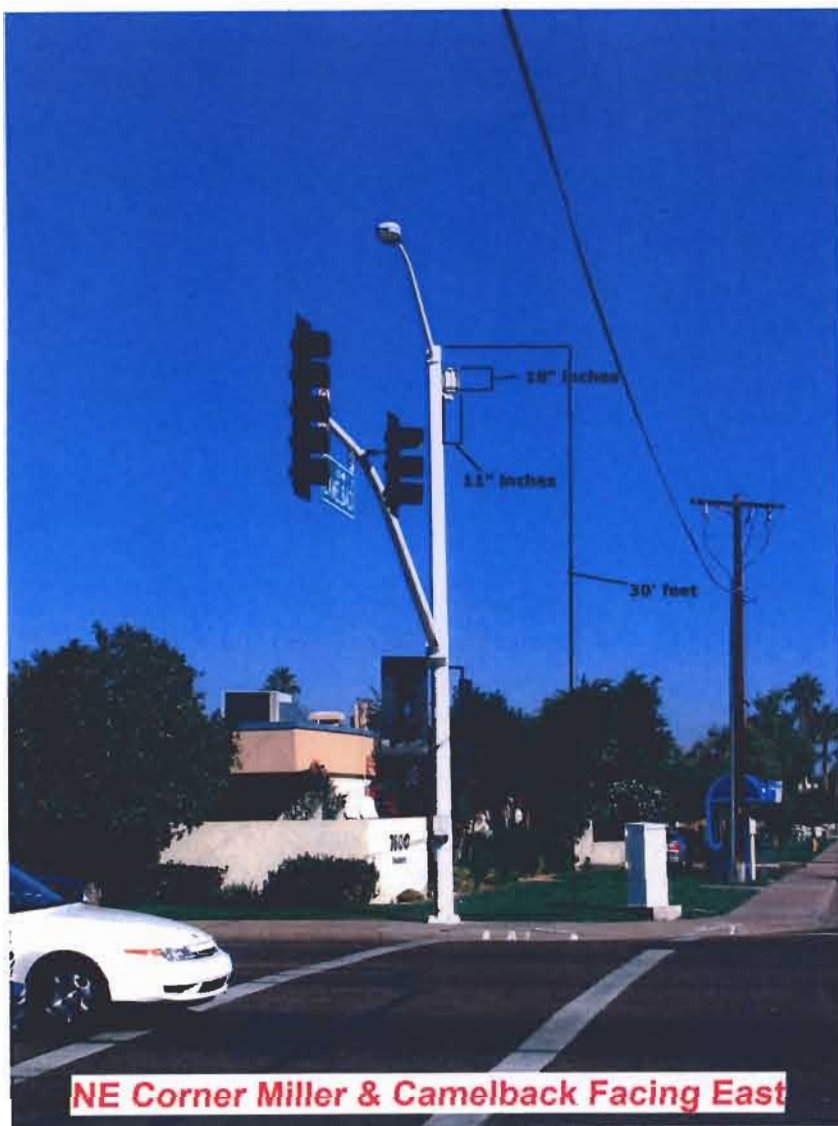
ATTACHMENT #2



NETWORK MAP



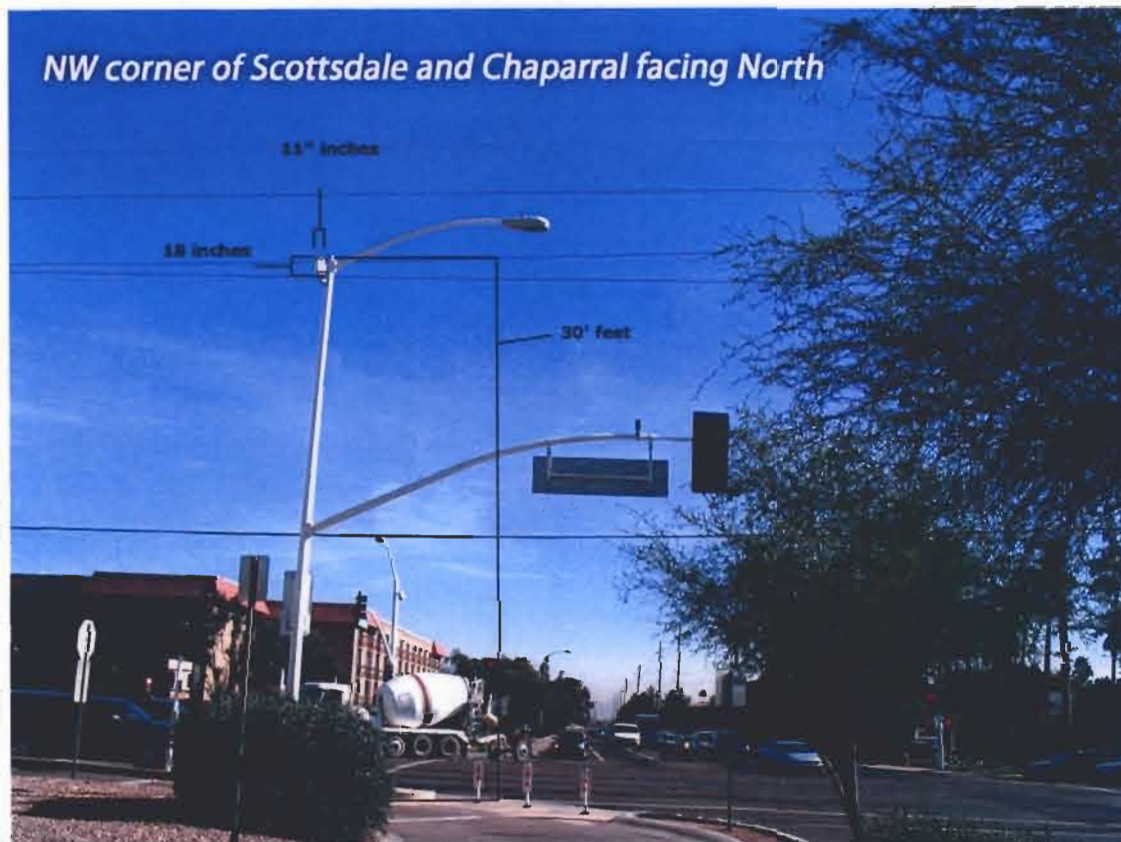
ACTUAL PHOTO OF DEVICE INSTALLED IN DOWNTOWN SCOTTSDALE



NE corner of Miller and Coolidge facing North



NW corner of Scottsdale and Chaparral facing North





Stipulations for Case: Scottsdale Wifi Case 31-DR-2006

Unless otherwise stated, the applicant agrees to complete all requirements prior to final plan approval, to the satisfaction of Project Coordinator and the Final Plans staff.

PLANNING

APPLICABLE DOCUMENTS AND PLANS:

DRB Stipulations

1. Except as required by the City Code of Ordinances, Zoning Regulations, Subdivision Regulations, and the other stipulations herein, the site design and construction shall substantially conform to the following documents:
 - a. Canister elements, including dimensions, materials, form, color, and texture, shall be constructed to be consistent with the building elevations submitted by Wildfire Broadband with a date provided on the plans of 4/12/06 by City Staff.
 - b. The location and configuration of all site improvements shall be constructed to be consistent with the site plan submitted Wildfire Broadband with a date provided on the plans of 3/13/06 by City Staff.

ARCHITECTURAL DESIGN:

DRB Stipulations

2. This approval is for antennas only; no support equipment or electrical cabinets are proposed or approved as part of this application. If ground-mounted equipment is needed for any of these sites, a separate application shall be submitted to the Development Review Board as determined by the Zoning Administrator.
3. All antennas are to be mounted on top of the existing streetlight or traffic signal pole where the structural integrity of the pole permits. Only where the structural integrity of the pole does not allow the antenna mounted on the top of the pole, the antenna shall be side mounted.
4. The canisters and mounting brackets are to be painted to match the existing pole color.

Ordinance

- A. The applicant shall process a "Private Improvements in Right-of-way" application prior to receiving building permits.

Note: No engineering stipulations are required.